



# भारत का राजपत्र The Gazette of India

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No. 9] NEW DELHI, SATURDAY, FEBRUARY 26, 1972 (PHALGUNA 7, 1893)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड २

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 26th February 1972

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

5th February 1972

- 134505. R. D. Bhide. Door bell answering system..
- 134506. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Propinyl derivatives.
- 134507. I. W. S. Nominee Company Limited. Textile finishing.
- 134508. Kannegiesser Maschinenfabrik Gesellschaft Mit Ben-  
crankter Haftung. A method and apparatus for  
printing textile webs and pieces. (25th February  
1971).
- 134509. Girling Limited. Adaptor assemblies for connecting  
complementary members. (5th February 1971).
- 134510. Girling Limited. Adaptor assemblies for connecting  
complementary members. (4th March 1971).  
[Addition to No. 134509].
- 134511. Girling Limited. Adaptor assemblies for connecting  
complementary members. (10th July 1971).  
[Addition to No. 134509].
- 134512. Joseph Lucas (Industries) Limited. Control apparat-  
us for fuel injection system. (5th February 1971).
- 134513. J. J. Shah. A device for making cut as well as loop  
fabric and method of making such fabrics.

7th February 1972

- 134514. G. G. Dandekar. Safe/safe deposit locker (Vault)  
operations register (paper seal and electrical type).

- 134515. Esso Research and Engineering Company. Solvent  
dewaxing-deoiling process.
- 134516. Imperial Chemical Industries Limited. Compositions  
comprising a phosphate of aluminium. [Divisional  
date 4th June 1970].
- 134517. Imperial Chemical Industries Limited. Process for  
the preparation of aluminium phosphate. [Divi-  
sional date 4th June 1970].
- 134518. Burmah Oil Trading Limited. Improvements in or  
relating to hydraulic fluids.
- 134519. Ciba-Geigy AG. New n-heterocyclic polyglycidyl  
compounds, process for their manufacture and  
their use.
- 134520. Hindustan Lever Limited. Antiperspirant composi-  
tion. (10th February 1971).
- 134521. I. R. Ahuja. A stand for domestic gas cylinder which  
indicates the quantity of gas inside the cylinder.
- 134522. Uzina De Produse Sodice. Manufacturing process for  
heavy sodium carbonate and product realized by it.
- 134523. Rikoh Co. Ltd. Slag-forming agent for the steel-  
making.
- 134524. F. I. du Pont de Nemours and Company. Solvent-  
free process for 3-(halophenyl)-1, 1-dialkyl ureas.
- 134525. Standard Telephones and Cables Limited. Cables.  
(3rd March 1971).

8th February 1972

- 134526. Amitava Ghosh Dastidar. Forming narrow trenches  
means therefor and thin diaphragm walls for use  
therein. (Joining diaphragm walls). [Divisional  
date 19th April 1971].
- 134527. Amitava Ghosh Dastidar. Forming narrow trenches  
means therefor and thin diaphragm walls for use  
therein. (Cutting tool shovel). [Divisional date  
19th April 1971].

134528. Amitava Ghosh Dastidar. Forming narrow trenches means therefor and thin diaphragm walls for use therein. (Cutting tool-grab scissors). [Divisional date 19th April 1971].
134529. S. S. Ranadey. Interlocking packing system.
134530. Sushirendra Dasgupta. Self-acting hydrostatic engine producing perpetual motion.
134531. Melle-Bezons. Improvement to high boiling ester purification.
134532. La Telemecanique Electrique. Pneumatic timer.
134533. Imperial Chemical Industries Limited. Process for the preparation of fibres. [Divisional date 4th June 1970].
134534. Imperial Chemical Industries Limited. Process for binding solids. [Divisional date 4th June 1970].
134535. Arhman Development AB. A method of creating a cold environment by means of substances, preferably salts, which when dissolved in water cause a decrease in temperature.
134536. Stamicarbon N. V. Method for processing at elevated temperature solutions containing ammonium carbonate.
134537. V. M. Barkathulla, V. M. Ehsanullah, Atkar Mumtaz Begum, Nasima Bi and Bhavanishanker Shivarao Ganguli. Supari chewing gum.
134538. Nestle's Products Limited. Extrusion nozzle.
134539. Veb Polygraph Leipzig Kombinat für Polygraphische Maschinen und Ausrüstungen. Method and apparatus for threadsealing. (14th May 1971).
134540. Veb Polygraph Leipzig. Thread stitching apparatus and a method of feeding thread thereto. (14th May 1971).
134541. Veb Polygraph Leipzig. Stitching apparatus. (14th May 1971).
134542. Veb Polygraph Leipzig. Method and apparatus for producing folded and thread-sealed sheet products. (14th May 1971).
134543. Marine Systems, Inc. Fluid pump.
134544. United Aircraft Corporation. Dense Graphite structures.
134545. S. Singh. Rail fastener.

## 9th February 1972

134546. Council of Scientific and Industrial Research. Improvements in/or relating to chemical refining of graphite (natural or beneficiated) having 1% mineral matter.
134547. Council of Scientific & Industrial Research. Air-humidifier cooler circulator.
134548. The Planning and Development Division, Fertilizer Corporation of India Limited. Sindri, District, Dhanbad, Bihar. An instrument for taking X-ray diffraction photographs of powder specimen at high temperatures for measuring certain physical properties.
134549. Howson-Algraphy Limited. Improvements in or relating to lithographic printing plates. (9th February 1971).
134550. The General Corporation. Colour television receiver. (14th June 1971).
134551. The Firestone Tire & Rubber Company. Process for polymerization of conjugated dienes.
134552. Andre Tardieu. Improvements in or relating to the manufacture of concretes and mortars.
134553. Joseph Lucas (Industries) Limited. Nut and gear assemblies for use in engine starter motors. (10th February 1971).

134554. Joseph Lucas (Industries) Limited. Locking arrangement for vehicles gearbox. (7th February 1971).
134555. Bdh Pharmaceuticals Limited. Pyridazinones. (22nd February 1971).
134556. Ernst Jacobi & Co., K.G. Sliding current pick-up for mobile cleaning apparatus for textile machinery.

## 10th February 1972

134557. Council of Scientific and Industrial Research. A method of strengthening of soil.
134558. N. P. B. Menon. A retrieving apparatus for preparing a spool of plain barbed tape. [Divisional date 8th September 1970].
134559. N. P. B. Menon. Barbed tape. [Divisional date 8th September 1970].
134560. Sir James Farmer Norton & Co., Limited. Improvements in or relating to apparatus for treating webs. (10th February 1971).
134561. The Metal Box Company Limited. Improvements in sealing cartons. (12th February 1971).
134562. Koninklijke Emballage Industrie Van Leer N. V. Screw threaded closure plug.
134563. Banque Pour l'Expansion Industrielle "Banexi", Compositions for the removal of hydrocarbon and industrial waste by biological degradation.
134564. Farbenfabriken Bayer Aktiengesellschaft, and Deutsche Gold-Und Silber-Scheideanstalt vormals Roessler. Process for the vulcanization of natural or synthetic rubber.
134565. Pfizer Inc. Substituted 1-phenyl-6-azacytosines. (15th July 1971).
134566. Mail Order Sales Private Limited. Apparatus for exercising wrists, forearm, and other members of human hands.
134567. Cluett, Peabody & Co., Inc. Selecting knit-design parameters in preshrinking and stabilizing knitted fabrics to enhance comfort fit of garments made therefrom.
134568. Klockner-Humboldt-Deutz Aktiengesellschaft. Revolving cylindrical furnace. (22nd October 1971).
134569. Joseph Lucas (Industries) Limited. Starter motors. (19th February 1971).
134570. Dr. Beck & Co., (India) Limited. Improved polyester wire enamels from polyester scrap.
134571. Dr. Beck & Co., (India) Limited. Improved polyesterimide resins from polyester waste or scrap.
134572. Eli Lilly and Company. 3-methylene cephalosporins.
134573. Siemens Aktiengesellschaft. Improvements in or relating to oscillator frequency control circuits. (21st October 1971).
134574. R. K. Wagh. An improved friction drive to enhance mechanical advantage.
134575. V. Morris. An improved cable gland.

## 11th February 1972

134576. N. R. Trivedi. Improvements in or relating to hasps for doors and the like and method of manufacturing such hasps.
134577. N. R. Trivedi. Improvements in or relating to tower bolts and method of manufacturing such tower bolts.
134578. B. K. Sehgal. Improved record type medical syringe.
134579. Brooke Bond Liebig Limited. Production of tea. (12th February 1971).
134580. The General Corporation. Colour synchroizing system for a colour television receiver. (17th October 1971).

134581. Farbenfabriken Bayer Aktiengesellschaft. Process, apparatus and catalyst for oxidizing  $\text{SO}_2$  to  $\text{SO}_3$ .
134582. Imperial Chemical Industries Limited. Manufacture of bipyridylum salts. (22nd February 1971).
134583. Stamicarbon N. V. Proces for preparing 2-( $\beta$ -cyanoothyl)-N-substituted acetaldimines.
134584. Joseph Lucas (Industries) Limited. Damping device. (1st March 1971).
134585. Siemens-Albis Aktiengesellschaft. Improvements in or relating to devices for drying compressed air. (24th November 1971).
134586. Smith Kline & French Laboratories Limited. Pharmacologically active compounds. (9th March 1971).
134587. Wilhelm Stahlecker G.m.b.H. Spinning turbine.
134588. W. C. Barratt. Producing cements sheets.
134589. The Carborundum Company. Impact molding of polyesters. [Addition to No. 126610]. [Divisional date 11th May 1970].
134590. The Carborundum Company. Process for reducing the porosity of an oxybenzoyl polyester film [Addition to No. 126610]. [Divisional date 11th May 1970].
134591. The Carborundum Company. Polyester coated wire. [Addition to No. 126610]. [Divisional date 11th May 1970].

#### Alteration of Date

127882. The claim to priority date 19th August 1969 has been abandoned and the application dated as of 4th August 1970, the date of filing in India.
134398. Ante-dated to 27th April 1970 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed Form No 6 of the Indian Patents and Designs Rules 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India book Depot 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the number of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawing, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained an application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78A of the Act.

126065. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of activated carbons. Accepted on 6th January 1972.

*Subjecting the carbonaceous raw materials to direct internal heating in a fluidised bed reaction,*

126469. Dr. Kurt Herberts & Co., vorm. Otto Louis Herberts. Solution and process for the production of insulating coating and electrical conductor coated by said process. (15th September 1969). Accepted on 1st February 1972.

*Comprising a polyester and as catalyst a reaction product of dicyano diamide and hydrazine prepared at a temperature of from room temperature to about  $280^\circ\text{C}$ .*

126508. Council of Scientific and Industrial Research. A water filter for filtering raw water instantaneously. Accepted on 5th February 1972.

*Characterized in that the filter cartridge consists of a double jacketed cartridge, having holes on its outer surface for raw water inlet, and holes on its inner surface, for filtered water outlet, the annular space being filled with activated carbon and ion exchangers.*

126523. Prabir Nag. Wire coil inserts. Accepted on 5th February 1972.

*Comprises a plurality of helically wound turns of a continuous wire the external and internal diameters of the turns conforming respectively with the internal diameter of the member.*

126546. Nippon Kokan Kabushiki Kaisha. Apparatus for charging a furnace. Accepted on 7th February 1972.

*Comprising four hoppers each having a bell-shaped hopper closure member selectively vertically movable to open and close the closure members.*

126561. J. W. Yates. A closed system for producing hydraulic power. Accepted on 7th February 1972.

*Comprising first and second source of air and water, a third source of propellant, first means for compressing propellant, second means for adding heat to propellant primover, third fourth fifth and sixth means for exhausting withdrawing heat and directing the propellant.*

126568. Argus Chemical Corporation. Organotin thiocarboxylates and preparation thereof and vinyl chloride polymer compositions thereof. Accepted on 8th February 1972.

*An acyl halide is reacted with a diorganotin sulfide and the resulting compound is reacted with an active hydrogen compound.*

126587. S. K. De. Electric lamp with multiple filaments. Accepted on 10th February, 1972.

*The stem of the bulb has a plurality of sets of independent contacts, one of contacts being provided for each filament.*

126606. Itt Industries, Inc. Foliar Spray composition for overcoming iron deficiency and for treating iron chlorotic evergreen fruit trees. Accepted on 7th February 1972.

*Foliar spray composition includes non-toxic water soluble compounds in conjunction with organic iron sources.*

126680. Imperial Chemical Industries Limited. Opaque films of foamed polyolefines and products made therefrom. (21st May 1969). Accepted on 8th February 1972.

*Which contains as an opacifying pigment from 5 to 20% by weight of titanium dioxide and from 0.05 to 1.0% by weight of metallic aluminium particles.*

126686. Nisshimi Steel Co., Ltd. Austenitic stainless steels. Accepted on 8th February 1972.

*Containing 0.02 to 0.3% C, 0.1 to 3.0% Si, 12- less than 16.0% chromium, 8.0 to 17.0% of Mn, .05 to 0.3% Nitrogen and the balance iron.*

126696. Electric Power Storage Limited. Multi-cell electric storage batteries of lead-acid type. (19th May 1969). Accepted on 8th February 1972.

*Having an intercell connector bar passing through a slot opening through an intercell partition and a combined closure and mould closing the slot, comprising a saddle with a gap communicating with opening through which sealant can be introduced into contact with slot faces and sides of connector.*

126710. Zaverchand & Company. Improvement in or relating to a process for nitration of aromatic compound by, aqueous, nitric acid, and a device therefor. Accepted on 8th February 1972.

*Process of nitration of aromatic hydrocarbons by aqueous nitric acid characterised in that benzene vapours are bubbled through said acid and maintained at a temperature between 50°C to 100°C, the nitrocarbon produced forms a separate liquid phase and taken into a decanter from where the nitro benzen layer is separated for further purification.*

126761. Nedschroef Octrooi Maatschappij N. V. Furnace for heating bars, tubes or similar oblong articles. Accepted on 8th February 1972.

*Discharge means for the exhaust gases is provided side and lengthwise to the heating chamber and is carried out as a slot through which the supply of oblong articles takes place transversely to their length.*

126799. Sandoz Ltd. Azo dyes, their metal complex compounds, their production and use. Accepted on 8th February 1972.

*Characterized by coupling 2-acetoacetylaminofluorene-7-sulphonic acid with diazo suspension of 2-(4'-aminophenyl)-6-Methyl benzo[diazole]-7-sulphuric acid.*

126813. Onoda Chemical Industry Co., Ltd. Process for treating sodium silico fluoride. Accepted on 7th February 1972.

*Comprising (A) adding ammonia at a rate such that concentration of free ammonia in the reaction medium is less than about 5 weight percent until sodium silicofluoride is reacted; (B) agitating reaction medium; (c) employing a stoichiometric excess of said ammonia.*

126904. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Dyestuffs of the anthraquinone series process for preparing them and polyester material dyed therewith. Accepted on 7th February 1972.

*1, 5-dihydroxy-4, 8-dinitro—anthraquinone is reacted with 3-(1', 1'-2', 2'—tetrafluoro-ethoxy)—aniline.*

126951. Hindustan Lever Limited. A perfume composition. Accepted on 8th February 1972.

*Perfume composition having bergamol oil, lemon oil, orange oil sweet, petitgrain bigarade, rose otto bulbed and rosemary bulbed characterized by including therein 2-Sec. butyl-3-methoxy pyrazine and 2-methyl-6 propoxy-pyrazine.*

127033. Ciments Lafarge. Apparatus for the production of superwhite cement. Accepted on 4th February 1972.

*Comprising a crusher for hot clinker, an upstream chamber in fluid light connection with the crusher, a downstream chamber in fluid light connection with the upstream chamber means for maintaining an atmosphere under pressure in both the chambers, a reducing atmosphere maintained in the upstream chamber, means for admitting atomized evaporable cooling fluid in the downstream chamber, means for causing the products to progress from the crusher to the outlet of the downstream chamber.*

127270. Council of Scientific and Industrial Research. Improvements in or relating to electrolytic bath composition for colour anodising of aluminium and its alloys. Accepted on 1st February 1972.

*Comprising oxalic acid with any one of the metal ion of soluble salt of IB, VIIB, VIII group of the periodic table dissolved in the electrolyte, the anodising being carried out at a current density of 12 to 36 asf for a period of 10 to 60 minutes at 18 to 25°C.*

127459. Atun Bose. Improvements in or relating to self-locking stay-cum-latch mechanisms for windows, doors or the like. Accepted on 8th February 1972.

*Comprises a long narrow plate, rod or like, one end being pivoted to the window frame and the other end having two slots; a latch slidable over the plate at its one end and at its other end fitted to the window leaf or like.*

127756. Deere & Company. Self-Propelled harvesting machine. Accepted on 28th January 1972.

*Comprising engine enclosure means enclosing the engine and the radiator means and including an air inlet means adjacent the operators station and an air outlet means at the other side of the machine spaced from said station and blower means operatively associated with said enclosure means.*

127769. Joseph Lucas (Industries) Limited. Electrical switches. (16th September 1969). Accepted on 28th January 1972.

*Including a body closed at one end by a base plate, an angularly movable spindle extending from the body and supported on the other end by a sleeve on base plate a resilient electrical contact on the base plate and urging the sleeve and spindle to rest position.*

127771. C—I Corporation. Improvements in or relating to curable polyvinyl chloride compositions. Accepted on 28th January 1972.

*A method of producing moulded product which comprises mixing finely divided particles of high molecular weight essentially homopolymeric polyvinyl chloride containing in excess of 96% by of polymerized vinyl chlorides with at least 3% by weight and upto 35% by weight in the absence of reinforcing fibres and upto 40% by weight in the presence of reinforcing fibre based on the weight of the mixture, of plasticizer consisting of a polyester reaction product of alpha beta, unsaturated monocarboxylic acid with an aliphatic polyhydric alcohol and free-radical generating polymerization catalyst, and mould the mixture under pressure at a curing temperature in the range 120—200°C to cure the same.*

127822. Uniroyal Englebert France. Improvements in tire building machine. Accepted on 31st January 1972.

*Retaining the lead end between surfaces of a selectively displaceable magnetic web-transport surface and a shoe member having a magnetic web-lifting support surface locally conforming to the contour of the web-transport support surface while the shoe is in a first position adjacent to the surfaces and to a second position retracted therefrom cutting the lead end at a predetermined lead-end location.*

127841. Institut Gornoi Mekhaniki I Tekhnicheskoi Kibernetiki Imedni M. M. Fedorova. Weighting apparatus associable with belt conveyors. Accepted on 3rd February 1972.

*Characterized in that stationary platform has moulded thereon adjacent to the ends thereof, a pair of roller type belt supports defining there between the length of conveyor belt being weighted*

movable platform being disposed intermediate of pair of roller type belt supports of stationary platform and having atleast one roller type belt support of its own.

127882. The British Petroleum Company Limited. Grinding process. Accepted on 4th February 1972.

*Grinding a solid in an agitator mill in an organic grinding liquid, passing the slurry formed through a thin film evaporator, and removing at least a part of the grinding liquid.*

127885. Motor Industries Co. Ltd. Improvements in and relating to liquid filters. (5th November, 1969). Accepted on 4th February, 1972.

*Having a spirally wound strip of filter paper which is longitudinally folded and has a V-shaped cross section along its entire length.*

127897. Ciba Limited. N-(4-bromo-3-chloro-phenyl)-N'-methyl-N'-n-propyl urea, process for its preparation and compositions containing the same. Accepted on 5th February 1972.

*Process for the preparation of N-(4-bromo-3-chloro-phenyl)-N'-methyl N'-n-propyl urea which comprises reacting together n-chloroaniline N-N-di-methylamine and N-methyl-N-n-propyl carbamoyl chloride at room temperature and brominating the resulting compound.*

127915. Joseph Lucas (Industries) Limited. A method of making an electrical connection. Accepted on 7th February, 1972.

*Comprising steps of applying conductive cement to terminal positioning lead relative to terminal, so that bare conductive portion of the lead engages the cement allowing the cement to set.*

127959. Gould Inc. Water activated lead acid batteries. Accepted on 8th February, 1972.

*Having plates of a narrower width than the internal width of the battery housing so as to provide usable space on one side of the battery.*

127964. Gould Inc. Air depolarized cells. Accepted on 8th February, 1972.

*Comprising a cathode shield to retard loss of water vapour.*

127970. The B. F. Goodrich Company. Improved suspension polymerization process for vinyl chloride polymers. (22nd August 1969). Accepted on 11th February 1972.

*Wherein a mixture of water, vinyl chloride, a suspending agent, and a vinyl chloride soluble polymerization catalyst are subjected to polymerisation and including about 1000 ppm of magnesium hydroxide in the mixture.*

127981. Ishihara Sangyo Kaisha, Ltd. Titanium dioxide concentrate and its manufacturing process. Accepted on 8th February 1972.

*Leaching a titaniferous iron ore having a grain size as not passing through a 200 mesh Tyler standard sieve with a mineral acid to concentrate its titanium value, magnetically separating the intermediate concentrate thus obtained into particles concentrated to the desired grade as a nonmagnetic fraction and particles unsufficiently concentrated as a magnetic fraction, and re-leaching the magnetic fraction.*

127990. Leningradsky Metallichesky Zavod imeni XXII S'ezda KPSS. Overspeed protection device of a hydro-generating set. Accepted on 10th February 1972.

*Contacts of operating switch which control the operation of the speed governor are connected to the pilot valve of the servomotor actuating the guide vane assembly.*

127998. B. K. T. Displays Limited. A surface composition for a gravure printing plate. Accepted on 10th February, 1972.

*Comprising (i) a resin material and a (ii) photographic material.*

128031. Clevite Corporation. Aluminum alloy-steel bearing and method of making same. Accepted on 7th February 1972.

*Bonding to a steel backing a layer of aluminium alloy consisting of silicon 2-8%, cadmium .50% .4%, copper .05% to .15%, magnesium .1 to .2% and the balance aluminium to form a composite bearing.*

128083. Ciba Limited. Phosphoric acid esters, their preparation and use as pesticides. Accepted on 10th February, 1972.

*Comprises reacting a dihalogenoacetic acid ester with a trialkylphosphite.*

128160. G. C. Saini. Improvements in power hack-saws. Accepted on 5th February 1972.

*Comprises two interconnected auxiliary frames each of which holding an individual blade holding frame capable of sliding in a vertical plane thus constituting a mechanism whereby the blades may be fed vertically down, means for controlling the feed thereof, means for moving said blade holding frame up and down.*

128418. Monsanto Company. N-(cycloalken-1-yl)-alpha haloacetamides, process for their manufacture and herbicidal compositions containing them. [Addition to No. 109119]. Accepted on 5th February 1972.

*Comprises reacting a haloacetyl halide with an imine.*

128422. Sandoz Ltd. Azo compounds of low solubility in water process for their preparation and fibres, yarns and textiles dyed or printed therewith. Accepted on 7th February 1972.

*Comprises condensing corresponding sulphonic acid chloride with a phenol and a correspondingly substituted amine.*

128430. Rocla Concrete Pipes Limited. Combination of a rotatable drum and apparatus for maintaining wire, cable or the like in contact with the peripheral surface of the drum. Accepted on 10th February, 1972.

*Wherein the apparatus pressure rollers mounted on a pair of roller carriers disposed on opposite sides of the peripheral surface, the carriers being mounted on a pair of levers actuated by actuator means.*

128445. Rocla Concrete Pipes Limited. Apparatus for forming a prestressing winding on a concrete or like pipe. (17th September, 1969). Accepted on 10th February 1972.

*Comprising rotatable pipe supporting means drives means for the supporting means and wire feed means comprising a rotatable drum coupling means being connected between the drive means and the drum.*

128661. N. V. Philips Gloeilampenfabrieken. A method of, and an apparatus for, writing mask patterns on a photographic material by means of light. Accepted on 8th February 1972.

*Characterized in that one of the two oppositely located boundaries is moved at a variable rate in a path which corresponds to the mask pattern to be written, the other boundary being moved in correspondence with said one boundary after a constant time delay.*

128787. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of polyphenol-carboxylic acid esters from phenols. Accepted on 7th February 1972.

*Condensing a phenol with a polyacetoacetic acid ester at 10 to -15°C in presence of gaseous hydrogen chloride and 0.05 to 0.5% by weight of aliphatic mercaptan.*

128815. Ugone Kuhlmann. A method for producing an extruded plastic material product, [Addition to No. 112258]. Accepted on 9th February, 1972.

*The shaper channel inlet and the die outlet being in close proximity at least along the entire length of one of sides of shaper inlet and along the entire length of a corresponding side of die of outlet.*

128862. Aktiebolaget Svenska Flaktfabriken. Process and apparatus for establishing contact between fluids. Accepted on 7th February 1972.

*Characterized in that the velocity of the gas entering the contact zone, containing a plurality of light weight contact bodies in shape of a fluidized bed, is held at a value at least to prevent the liquid from leaving the contact zone through the gas entrance at the lower end of the contact zone.*

128974. Mitsui Toatsu Chemicals, Incorporated. Novel catalyst system and process for producing phthalic anhydride using the same. Accepted on 10th February, 1972.

*Comprising (a) vanadium oxide, (b) potassium sulphate, (c) diantimony trioxide, (d) one or more sulphate of alkali metals other than potassium (e) anhydrous sulphuric acid, and (f) carrier, the mol ratio of the ingredients being 1.00 : 0.70-2.00 : 0.01-0.30 : 0.02-0.50 : 1.00-3.00, the content of said vanadium oxide being from 10 to 20% by weight.*

129127. Esso Research and Engineering Company. Process for the conversion of gas mixtures containing carbon monoxide and steam to hydrogen and carbon dioxide. Accepted on 8th February 1972.

*Contacting gas mixture containing carbon monoxide and steam with a chromia promoted ferric oxide catalyst at 600—1000°F and contacting effluent obtained with a catalyst comprising at least one alkali metal compound and a hydrozenation dehydrozenation component comprising are element selected from the group consisting of elements of groups V-B, VI-B and VII of periodic table.*

129140. Joseph Lucas (Industries) Limited. A method of manufacturing ceramic magnets containing strontium or barium ferrite. (11th November 1969). Accepted on 7th February 1972.

*Mixing appropriate proportions of celestite and ferric oxide, heating the mixture in presence of a reaction promoting compound to form a product containing strontium ferrite, the reaction promoting compound's cation from a sulphate which can be removed by leaching.*

129720. Stamicarbon N. V. Integrated process for the preparation of urea and melamine. Accepted on 10th February 1972.

*Comprising effecting the cooling by directly contacting the hot melamine-containing synthesis gases with an ammonium carbamate containing solution of urea in water obtained directly or indirectly from the urea synthesis zone, whereby a urea solution containing melamine and no ammonium carbamate is obtained and recovering melamine crystals.*

129769. Universal Oil Products Company. A process for the production of a selected aromatic hydrocarbon. Accepted on 5th February 1972.

*Comprises isomerization of aromatic hydrocarbons in an isomerization zone with subsequent concentration of a particular isomerization product in a separation zone which includes an aluminosilicate absorbent and a desorbent material to withdraw the extract.*

130110. Metallgesellschaft A. G. Process of gasifying liquid high-boiling hydrocarbons. Accepted on 8th February 1972.

*Process of gasifying liquid hydrocarbons by a treatment with water vapor and oxygen, when the hydrocarbons are subject to a thermal primary reaction with oxygen and water vapor at temperature above 1200°C characterised by that the hot primary product so obtained, which contains carbon black, is flown in contact with a catalyst which contains chromium oxide.*

130355. Sincat—Societa Industriale Catanese S.p.A. Process for the recovery of ammonium sulphate from its aqueous solutions cotaminated by organic substances. Accepted on 7th February 1972.

*Characterised in that ammonium sulphate solution is added with nitric acid so that its concentration in the mother solution of the subsequent evaporation phase shall not exceed 15% by weight, the solution then subjected to evaporation and crystallised ammonium sulphate is separated.*

130495. Kumares Dhar Chaudhuri. Hand clamp. Accepted on 7th February 1972.

*Fixed member for supporting an object to be handled, a jaw articulated so as to pivot relatively to the fixed member, a lifting member articulated to the fixed member, a linkage being provided between the jaw and the lifting member.*

130513. The Quacker Oats Company. A process for producing a urethane core binder and a foundry process employing the same. Accepted on 10th February 1972.

*Comprising preparing a first package by forming a polymer from aromatic polyisocyanate with non-drying castor oil, preparing a second package comprising an admixture of high mol. weight hydroxycontaining material and an accelerator and admixing said first package and second package.*

130629. Amsted Industries Incorporated. Dipper tooth assembly. Accepted on 10th February, 1972.

*Comprising corresponding pairs of converging surfaces in the nose and cavity.*

130653. Diamond Sharmrock Corporation. Non-passivating barrier layer electrodes. Accepted on 7th February 1972.

*Electrode comprising a conductive supporting substrate, a conductive oxygen impermeable barrier layer, a conductive electrocatalytically active electrolyte resistant solid solution type outer coating.*

130693. Leningradsky Metallichesky Zavodimeni. Form tool and method of grinding its flank. Accepted on 8th February 1972.

*With a cutting edge whose relief angle  $\alpha_n^\circ$  measured in the plane normal to the profile of said cutting edge depends on the angle  $\xi^\circ$  between the direction of cutting feed and the tangent to the profile of the cutting edge and is formed in the formula*

$$\sin \alpha_n = \frac{K}{(a \sin \xi)_{\max} 0.3}$$

130870. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Cyclopropane derivatives, process for their preparation and insecticidal composition containing the same. (8th June, 1970). Accepted on 10th February, 1972.

*Comprises either reacting 2,2,3,3-tetramethylcyclopropane carboxylic acid bromide with an alcohol or reacting an alkali-metal/Ag salt of 2,2,3,3-tetramethyl cyclopropane carboxylic acid with a halide.*

130877. Sulzer Brothers Limited. A storage device for filamentary material. Accepted on 10th February, 1972.

*Including a storage member onto which filamentary material is wound and having a free end over which stored material is taken off.*

130959. Merck & Co. A caned and bottled leverage, fruit and vegetable preparation and method of stabilizing chi same. Accepted on 10th February, 1972.

*Containing ascorbic acid and a soluble ferrous ion salt in the amount so that the ferrous ion constitutes 0.008 to 0.12 mg. per milliliter of the preparation.*

130969. Witco Chemical Corporation. Polymerization of unsaturates. Accepted on 10th February, 1972.

*Comprises bridging two active hydrogen containing materials one of which is an ester containing polymerizable C-C bonds and at least one of which containing a plurality of active hydrogen.*

131031. Golden Plastics. A revolving stool. Accepted on 10th February 1972.

*Comprising two bell shaped hollow stands open at wider ends and closed at narrower ends, a bearing between the narrower ends connected by bolts and nuts acting as pivot, one of the wider ends being fitted with a cap-shaped cover acting as a seat.*

131285. Adriano Gardella S.p.A. Centrifugal can-spinning spindle. Accepted on 10th February, 1972.

*Comprising a bell-shaped neck, a tubular vertically reciprocable distributing thread guide and an axially stationary pre-twisting tubular thread guide co-axial with the distributing thread guide.*

131326. New Central Jute Mills Company Limited. Process for the simultaneous production of soda ash and ammonium chloride. Accepted on 5th February 1972.

*Comprises ammoniating in a single step carbonated mother liquor of NaCl, NH<sub>3</sub> and CO<sub>2</sub>, adding NaCl at 40-42° crystallizing in two stages, slurry of NH<sub>4</sub>Cl crystals centrifuged and dried, NH<sub>3</sub> vapors evolved in the first stage crystallization absorbed in the liquor remaining after removal of NH<sub>4</sub>Cl crystals carbonating the liquid formed, and resulting NaHCO<sub>3</sub> calcined to give Na<sub>2</sub>CO<sub>3</sub>.*

131733. Shree Mukesh Textile Mills Private Ltd. Unloading device. Accepted on 29th January 1972.

*Comprises a horizontally disposed frame, a support for adjustably suspend the said frame, an endless rotatable member mounted on said frame and provided with a plurality of upright members rotatable therewith and drive means for operating said endless rotatable member.*

131937. Indian Institute of Technology. An improved wire gauge. Accepted on 8th February 1972.

*Comprises two rods, two of whose ends are immovably attached to each other and with the other two ends thereof spaced from each other, and a member which maintains the said spaced relationship is attached to the other two ends.*

132070. Gough and Company (Hanley) limited. Improvements in the casting of ceramic articles. Accepted on 31st January 1972.

*Comprising a slip reservoir, a slip dispensing nozzle, a shut off valve, a level sensing means, characterised in that the level sensing means incorporates two conductive probes associated with the nozzle and arranged so that when the nozzle is positioned for filling a mould, a circuit will be completed between the probes by the slip dispensed into the mould.*

134398. Council of Scientific and Industrial Research. Improvements in or relating to the production of paper boards suitable for making low cost paper houses. [Divisional date 27th April 1970]. Accepted on 28th January, 1972.

*Beating the pulp to freeness of sodium silicate, forming the board, surface treating the board with glue and formation, the sodium silicate being used in combination with wax emulsion.*

### Opposition Proceedings

(1)

The opposition entered by Belpahar Refractories Limited to the grant of a patent on application No. 99719 made by Orissa Cement Limited and Others, as notified in Part III, Section 2 of the Gazette of India, dated the 30th March 1968 has been partly allowed. A patent will be sealed on the application, subject to amendment of the specification.

(2)

The Opposition entered by Orissa Cement Limited to the grant of a patent of application No. 121250 made by Orissa Industries Limited has been treated as withdrawn.

### Patents Sealed

89595 121640 122137 123068 123219 123394 123502 123579  
123653 123658 123686 123744 123772 123884 123910 124077  
124373 124560 124589 124662 125009 125039 125143 125265  
125274 125314 125403 125440 125728 126098 126269 126801  
126966 127019 128095 128973

### Renewal Fees Paid

59270 59571 59585 59625 59634 59636 59653 59662 59750  
59751 59835 59852 59987 60032 60282 60363 63061 63066  
63067 63090 63106 63124 63261 63262 63313 63495 63610  
63902 66469 66680 66687 66694 66712 66714 66779 67017  
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70696 70699 70718 70726 70764 70774 70869 70870 70939  
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72970 74787 75235 75291 75311 75344 75345 75351 75373  
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80861 80870 80871 80872 80886 80958 81220 81312 81446  
81449 81491 81506 81636 81914 82337 83126 84056 84070  
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86460 86526 86529 86563 86622 86628 86685 86694 86736  
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87166 87182 87193 87348 87421 87534 87618 88111 88227  
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92159 92186 92189 92192 92197 92245 92267 92280 92281  
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97505 97800 97810 97840 97849 97860 97862 97863 97874  
97890 97896 97898 97899 97913 97944 97964 97967 97997  
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98307 98336 98338 98433 98446 98448 98449 98450 98467  
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104507 104570 104644 104707 104829 105190 105284 105707  
106715 107828 108021 108337 109163 109211 109212 109213  
109214 109215 109216 109227 109237 109262 109272 109283  
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 115093 115094 115136 115145 115151 115192 115226 115237  
 115238 115408 115537 115630 115840 115841 115933 117280  
 119650 119689 119713 119761 119834 119882 119943 120031  
 120156 120261 120499 120559 123304

#### Cessation of Patents

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 59754 59755 59756 68683 68684 68685 68686 68687 68688  
 68689 68691 68697 68698 68700 68702 68703 68753 68757  
 68764 68768 68770 75144 83755 83902 90507 93192 93924  
 94272 94910 94911 94912 98983 102985 105567 105902  
 107385 107957

#### Registration of Designs

The followings designs have been registered. They are not open to inspection for a period of two years from the date

of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 138789. Union Carbide India Limited, 1, Middleton Street, Calcutta-16, West Bengal, India, an Indian Company, "A flashlight", July 3, 1971.

Class 3. No. 138969. Calcutta Footwear Company, 40, Strand Road, Room No. 18, 4th Floor, Calcutta-1, West Bengal, an Indian partnership firm, "Footwear", September 3, 1971.

Class 3. Nos. 139067 to 139069. Murphy India Limited, an Indian company existing under the Companies Act, 1956, Dr. Shirodkar Road, Opposite Hospital Avenue, Parel, Bombay-12 (DD), State of Maharashtra, "Transistor case cum radio cabinet", October 1, 1971.

S. VEDARAMAN, Controller General of Patents, Designs and Trade Marks